FLAT TV

SEE EVERY THING EXPERIENCE EVERY THING

PHILIPS

Information for users in the UK

(Not applicable outside the UK)

Positioning the TV

For the best results, choose a position where light does not fall directly on the screen, and at some distance away from radiators or other sources of heat. Leave a space of at least 5 cm all around the TV for ventilation, making sure that curtains, cupboards etc. cannot obstruct the air flow through the ventilation apertures.
The TV is intended for use in a domestic environment only and should never be operated or stored in excessively hot or humid atmospheres.

General Points

Please take note of the section 'Tips' at the end of this booklet.

Interference

The Department of Trade and Industry operates a Radio Interference Investigation Service to help TV license holders improve reception of BBC and IBA programmes where they are being spoilt by interference.
If your dealer cannot help, ask at a main Post Office for the booklet "How to improve Television and Radio Reception".

Mains connection

Before connecting the TV to the mains, check that the mains supply voltage corresponds to the voltage printed on the type plate on the rear panel of the TV. If the mains voltage is different, consult your dealer.

Important

This apparatus is fitted with an approved moulded 13 Amp plug.
To change a fuse in this type of plug proceed as follows :
1. Remove fuse cover and fuse.
2. Fit new fuse which should be a BS1362 5A, A.S.T.A. or BSI approved type.
3. Refit the fuse cover.

In order to maintain conformity to the EMC directive, the mains plug on this product must not be removed.

Connecting the aerial

The aerial should be connected to the socket marked x at the back of the set. An inferior aerial is likely to result in a poor, perhaps unstable picture with ghost images and lack of contrast. Make-shift or set-top aerials are unlikely to give adequate results.
Your dealer will know from experience the most suitable type for your locality.
Should you wish to use the set in conjunction with other equipment, which connects to the aerial socket such as TV games, or a video camera, it is recommended that you consult your dealer on the best method of connection.

Stand *(if provided)*

Use only the stand provided with the set, making sure that the fixings are properly tightened. A diagram showing how to assemble the stand is packed with the stand. Never use a make-shift stand, or legs fixed with woodscrews.

Contents

Help?

If this instruction manual does not give an answer or if 'Tips' do not solve your TV problem, you can call your Local Philips Customer or Service Centre. See the supplied World-wide guarantee booklet.
Please, have the Model and Product number which you can find at the back of your television set or on the packaging, ready, before calling the Philips helpline.

Model: 42PF9966
Product No: .....

Care of the screen

See Tips, p. 23.

Due to continuous product improvements this manual is subject to change without notice.

End of life directives

Philips is paying a lot of attention to producing environmentally-friendly in green focal areas. Your new TV contains materials which can be recycled and reused. At the end of its life specialised companies can dismantle the discarded TV to concentrate the reusable materials and to minimise the amount of materials to be disposed of.
Your TV contains a (tolerated) small amount of mercury. Please ensure you dispose of your old TV according to local regulations.

easy LINK

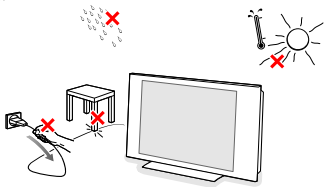
EasyLink features are based on the "one touch operation" approach. This means that a sequence of actions are executed at the same time in both the television and the recorder, provided both are fitted with the EasyLink function and connected with the eurocable supplied with your recorder.

Preparation 2
Keys on the right side of the TV 2
Use of the remote control RC4302 3
To use the menus 5
Installation 5
Select the menu language and country 5
Store TV channels 6
Automatic installation 6
Manual installation 6
Give name 7
Reshuffle the programme list 7
Select Favourite TV channels 7
TV Setup 8
General 8
Source 10
Decoder 10
Demo 10
TV menu 11
Picture menu 11
Active Control 12
Sound 12
Ambilight 12
Features menu 13
nexTView / Teletext guide 14
Call nexTView / Teletext guide 14
nexTView guides 15
Picture/nexTView - Teletext guide 15
Teletext Guide 15
Basic functions 16
Acquisition and updating of nexTView information 16
Teletext 17
Switch Teletext on and off 17
Select a Teletext page 17
Previously selected teletext page 17
Select the index teletext page 17
Select subpages 17
Picture/Teletext 17
Enlarge a Teletext page 17
Hypertext 17
Teletext menu 18
Connect Peripheral Equipment 19
Recorder (vcr-dvd+rw) 19
Other equipment (satellite receiver, decoder, DVD, games, etc.) 19
Side connections 20
Multi channel Surround receiver 20
Connect extra subwoofer 20
Cinema Link surround receiver 20
Connect your computer 21
To select connected equipment 21
Recorder or DVD with EasyLink 21
Record with your recorder with EasyLink 21
Audio- and video equipment keys 22

Preparation

❶ **Wall mounting instructions/Table stand**
According to the type of TV you've purchased a wall mount bracket and/or stand may be supplied. How to mount the supplied stand and/or wall mount bracket, see the supplied separate leaflet. Make sure that the wall mount is being fixed securely enough so that it meets safety standards.
The weight of the TV (excl. packaging) is about 42 kg (42PF9966); 58 kg (50PF9966).
Note: Other (not supplied) stands are optional accessories. Consult your dealer.

❷ Place or hang the TV wherever you want, but make sure that air can circulate freely through the ventilation slots. Do not install the TV in a confined space such as a book case or a similar unit.



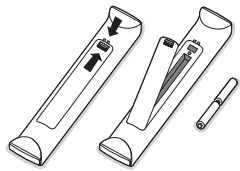
To prevent any unsafe situations, no naked flame sources, such as lighted candles, should be placed on or in the vicinity. Avoid heat, direct sunlight and exposure to rain or water. The equipment shall not be exposed to dripping or splashing and no objects filled with liquids, such as vases, shall be placed on it.

❸ Insert the aerial plug firmly into the aerial socket at the bottom of the TV. For best picture quality use the suppressor-aerial cable supplied.

❹ To connect your computer, see p. 21.
To connect other peripherals, see p. 19.
If you have a Cinema Link combination (Cinema Link Audio receiver and/or Cinema Link recorder and/or DVD player), see the separate supplied instruction manual.
In order to obtain the best result, please use only the supplied aerial cable between the TV and recorder, and between recorder and aerial connector.

❺ Insert the mains cord supplied into the mains at the bottom of the TV and in the wall socket having a mains voltage of 198-264V.
To prevent damaging the power (AC) cord which could cause a fire or electric shock, do not place the TV on the cord.

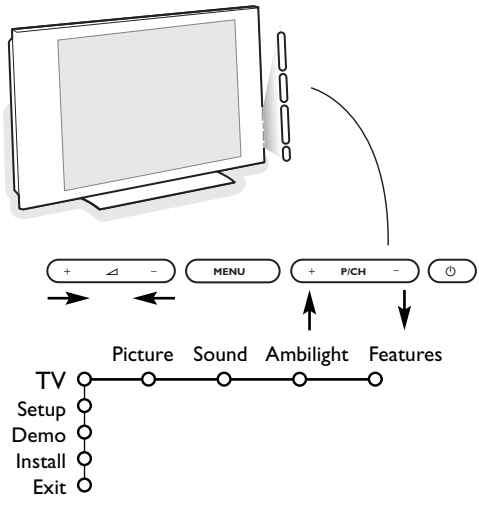
❻ **Remote control**: Insert the 2 batteries supplied (Type R6-1,5V).



The batteries supplied do not contain the heavy metals mercury and cadmium. Please check on how to dispose of exhausted batteries according to local regulations.

❼ **Switch the TV on** : Press the power switch at the right side of the TV.
An indicator on the front of the TV lights up and the screen comes on. If the TV is in standby mode, press the **-P+** keys or the key on the remote control.

Keys on the right side of the TV



Should your remote be lost or broken you can still change some of the basic settings with the keys on the right side of your TV.

Press:
- the **+ - ** key to adjust the volume;
- the **+ P/CH -** key to select the TV channels or sources.

Press the **MENU** key to summon the main menu without the remote control.
Use:
- the **+ - ** key and the **+ P/CH -** key to select menu items in the directions as shown;
- the **MENU** key to confirm your selection.

Note:
*When activated via the **MENU** key on the right side of the TV, only **Exit** lets you remove the menu.*
*Navigate to **Exit** and press the **MENU** key.*

Use of the remote control RC4302

*Note: For most keys pressing a key once will activate the function. Pressing a second time will de-activate it. When a key enables multiple options, a small list will be shown. Press repeatedly to select the next item in the list. The list will be removed automatically after 6 seconds or press **OK** to remove immediately.*

Remark: in DVI mode only some keys are valid.

AMP DVD/R TV SAT AUX

See 'Audio- and Video equipment keys', p. 22.

Select your peripherals

See p. 21.

● ❚❚ ◀◀ ■ ▶ ▶▶

Audio and Video equipment keys, see p. 22.

● Instant record

See Record with your recorder with EasyLink, p. 21.

Time display

The time is displayed on the screen.

Surround mode

Incredible surround

With stereo transmission, and when Incredible surround is selected, it seems as though the loudspeakers are spread further apart from one another.

Virtual Dolby surround

Optimal with Dolby surround signals. Enables you to experience the effect of Dolby surround Pro Logic, reproducing a rear sound effect. See Sound menu, 3D effect, p. 12.
Note: You can make the same selection in the Sound menu, surround mode, p. 12.

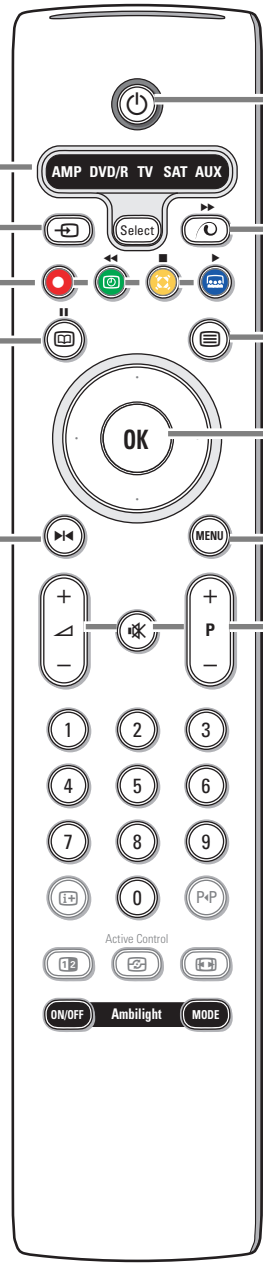
Cinema Go

See separate Cinema Link manual, p. 25.

NEXTVIEW On/Off see p. 14

Freeze

To freeze the picture.
Dependent on the input signal, the function may not be possible.



Standby

Press to switch the TV on or off from or to standby mode.
When switched off, a red indicator on the TV lights up.

Pixel Plus 2 demo on/off

- Press to switch the Pixel Plus 2 demo on or off. In the right part of the screen Pixel Plus 2 is switched on.
- Press longer to display the list of digital options settings. Use the cursor up/down to select one of the settings. See also Picture menu, Digital options, p. 11.

Teletext On/Off see p. 17

OK Press this key

- to activate your choice, when in the menus.
- to display the programme list.

MENU Main menu on/off see p. 5

To adjust the volume.

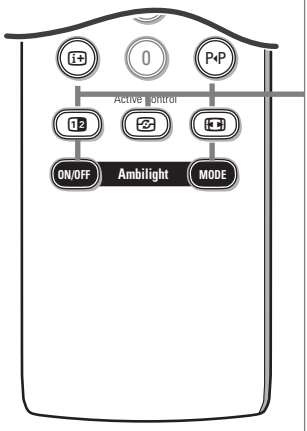
Interrupt the sound or restore it.

P Programme selection

To browse through the TV channels and sources stored in the favourite list.

0/9 Digit keys

To select a TV channel.
For a two digit programme number, enter the second digit before the dash disappears. To switch immediately to a selected one digit TV channel, keep the digit key pressed a bit longer.



On Screen information

Press to display (when available) information about the selected TV channel and programme.

Menu/Remote control info

When a menu is on screen, press i+ to display info on the selected menu item. While the menu info is displayed, press any key (except the **MENU** or digit keys) to display remote control info. The normal function of the key is not executed.

Smart surf / NEXTVIEW themes

With this key you can easily switch between 2 up to 9 different TV channels or sources or quickly select TV programmes if NEXTVIEW with defined themes is broadcast. See General, Smart surf, p. 8.
Press the **OK** key or wait for the time out to dismiss the Smart surf display.

Dual screen

1. Press the ☰ or 📖 key.
   Press the 1 2 key to show Teletext or Teletext Guide on the right half of the screen.
2. Press the 1 2 key to switch off Dual screen.

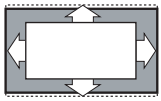
Active screen selection

When in dual screen picture/teletext, enter the desired page number with the **-P+** key, then press the **MENU** key, then select the left screen (with the blue ball at the top).
You can now select a compressed or full screen view of picture/teletext with the ⇔ key.

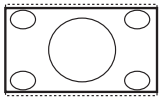
Active control see p. 12.

Picture format

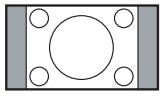
Press this key repeatedly or press the cursor up/down to select another picture format: Auto format, Super zoom, 4:3, Movie Expand 14:9, Movie Expand 16:9, Subtitle zoom or Wide screen.


Auto format

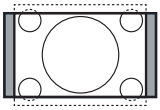
Auto format makes the picture fill the screen as much as possible.
In case of subtitles in the bottom black bar, Auto format makes the subtitles visible.
In case of a broadcaster logo in the corner of the top black bar, the logo disappears from the screen.


Super zoom

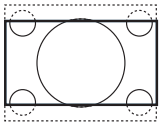
Super zoom removes the black bars on the sides of 4:3 programs with minimal distortion.

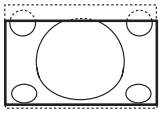

4:3

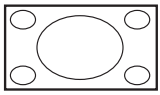
When in Movie Expand 14:9, Movie Expand 16:9, Super zoom or Subtitle zoom picture format, you can make subtitles visible with the cursor up/down.


Movie expand 14:9

*Note: With signals via the **DVI** connector less picture formats are selectable.*


Movie expand 16:9


Subtitle zoom

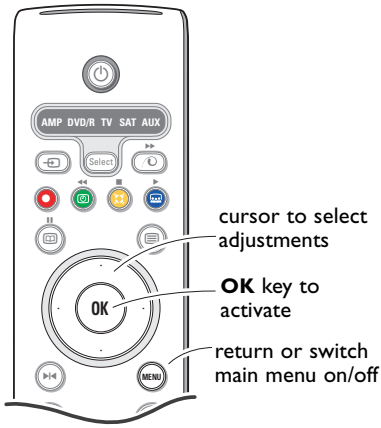

Wide screen

Ambilight see also p. 12.

- **ON/OFF** Press to switch Ambilight on or off. Keep pressed to cycle through changing brightness settings.
- **MODE** Press repeatedly to select one of the predefined ambient light settings.

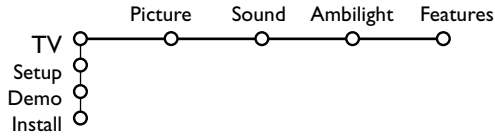
Note: When the TV is switched to standby, and you switch Ambilight On, Ambilight will be active. Only then less modes are available.

To use the menus



Press the i+ key to get information about the selected menu item.

1. Press the **MENU** key on the remote control to summon the main menu. At any moment you can exit the menu by pressing the **MENU** key again.
   Note: If you have connected equipment with Cinema Link, more menu items are present.

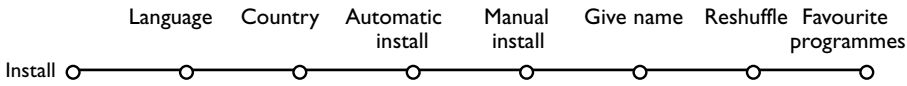


2. Use the cursor in the up/down direction to select the **TV**, **Setup, Demo** or **Install** menu.
   Use the cursor left/right to select **Picture**, **Sound**, **Ambilight** or **Features**.
   Note: Sometimes not all the menu items are visible on the screen (indicated by a cluster of blue balls). Use the cursor down or right to reveal all items.
3. Use the cursor in the left/right direction to select the menu item.
4. Use the cursor up/down again to select the control you want to select or to adjust.

Note: Items temporary not available or not relevant are displayed in a light grey colour and cannot be selected.

Installation

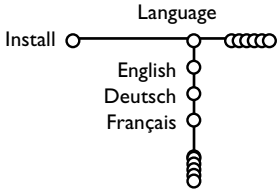
The installation menu contains the following items:

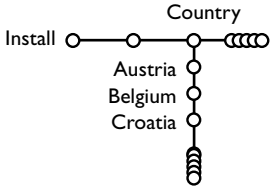


EasyLink

If your recorder has an EasyLink function, during installation, the language, country and available channels are automatically transmitted to the recorder.

Select the menu language and country



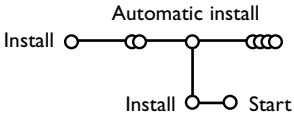


1. Press the **MENU** key on the remote control.
2. Use the cursor down to select **Install**.
3. Use the cursor right to select **Language**.
   Follow the instructions on screen.
4. Use the cursor up/down to select your preferred language and press the **OK** key to confirm your selection.
5. Use the cursor right to select **Country**.
6. Select the country where you are now located and press the **OK** key.
   Select **Other** when none of the countries applies.
7. Proceed with the **Install** menu.

Store TV channels

After language and country are set correctly, you can now search for and store the TV channels in two different ways: using Automatic Installation or Manual Installation (tuning-in channel by channel).
Select your choice with the cursor right.

Automatic installation

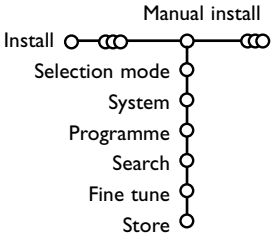


1. Select **Automatic install** in the Install menu.
   Note: All channels must be unlocked in order to autoprogram. If requested, enter your code to unlock all channels. (See TV, Features menu, Childlock, p. 13.)
2. Press the cursor down.
   The autoprogramming option label **Start** appears.
3. Press the cursor right.
4. The message **Searching** appears and the progress of autoprogramming is displayed.

If a cable system or a TV channel which broadcasts ACI (Automatic Channel Installation) is detected, a programme list appears. Without ACI broadcast, the channels are numbered according your language and country selection. You can use Reshuffle to renumber them. See p. 7.

It is possible that the cable company or the TV channel displays a broadcast selection menu. Layout and items are defined by the cable company or the TV channel. Make your choice with the cursor and press the **OK** *key.*

Manual installation



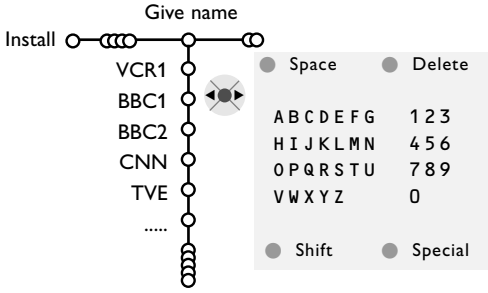
Searching for and storing TV channels is done channel by channel. You must go **through every step** of the Manual Installation menu.

1. Select **Manual install** in the Install menu.
2. Press the cursor down.
   Follow the instructions on screen.

   Note: Search or direct selection of a TV channel.
   If you know the frequency, the C- or S-channel number, enter the 3 or 2 digits of the frequency or the channel number directly with the digit keys 0 to 9 (e.g. 048).

   Repeat to search for another TV channel after you have stored the selected TV channel.

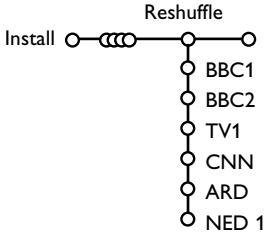
Give name



It is possible to change the name stored in the memory or to assign a name to a TV channel or external for which a name has not yet been entered. A name with up to 5 letters or numbers can be given to the programme numbers 0 to 99 and to the externals.

1. Select **Give Name** in the Install menu and press the cursor down.
2. Select the programme number.
   Note: keep the cursor up/down pressed to scroll through the programme list quickly.
3. Press the cursor right.
   A keyboard appears on the screen.
   Press the cursor right to enter the keyboard.
   Press the cursor up/down, left/right to select the first character and press **OK**. Repeat for every character you want to enter.
   Select **Space** to enter a space; **Delete** to erase the highlighted character in the name entered; **Shift** to display upper- or lowercase characters on the keyboard; **Special** to display special characters on the keyboard. Press **OK** to confirm.
4. Press the cursor left repeatedly when you have finished the name giving.
5. Select another programme number and repeat steps 3 to 4.

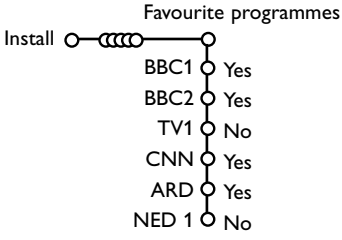
Reshuffle the programme list



You can change the order of the stored TV channels.

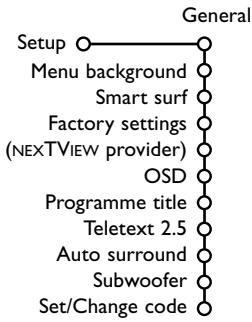
1. Select **Reshuffle** in the Installation menu.
2. Follow the instructions on screen.

Select Favourite TV channels



1. Select **Favourite programmes** in the Install menu.
2. Select your programme number with the cursor up/down.
3. Select **Yes** or **No** with the cursor right.
4. Repeat 2 and 3 for every TV channel or external you want to make a favourite or a non-favourite TV channel or external.

TV Setup



The Setup menu contains items that control the settings of the TV's functions, features, services and peripherals you may have connected.

The **General** menu allows you to change settings that will typically be accessed only occasionally.
The **Source** menu allows you to select a source.
The **Decoder** menu allows you to define one or more programme numbers as decoder programme numbers.

General

This menu allows you to change various settings that are presumably adjusted less frequently than most other settings.

Press the i+ key on the remote control to get information about the selected menu item.

Menu background

Select **Yes** or **No** to turn the menu background on or off.

Smart surf

1. Select **Smart surf**.
2. With the cursor left/right, select
   - **2 programmes** if you want the P◂P key to toggle between the current and the previously selected channel,
   - **9 programmes** if you want the P◂P key to summon a list of up to 9 channels which can be selected,
   - **Themes** if you want the P◂P key to quickly select TV programmes if NEXTVIEW with defined themes is broadcast. See p. 14.

To add/remove a channel or source to the 9 programmes list:

Tune to the channel or source you wish to add or remove. Press the P◂P key and press the cursor right to add or remove.
Note: If there are already 9 channels/sources in the list, the one at the bottom of the list will be removed.

Factory settings

This resets the picture and sound settings to their predefined factory values, but maintains the channel installation settings.

NEXTVIEW provider

Select a TV broadcaster that provides NEXTVIEW data. How to make use of NEXTVIEW, see p. 14.

OSD (On Screen Display)

1. Select **OSD**.
2. Select **Normal** to activate the continuous display of the programme number and extended display of TV channel and programme information on screen. **Minimum** to activate the display of reduced channel information.
   Note: When subtitles is switched on, see Features, p.13, display of the programme number is not possible.

Programme title

Select **Programme title Yes** or **No**.
When selected **Yes**, after the selection of a TV programme or after pressing the i+ key on the remote control, a TV channel which broadcasts teletext may transmit the name of the TV channel or the programme title.

Teletext 2.5

Some broadcasters offer the opportunity to see more colours, other background colours and nicer pictures in the teletext pages.

1. Select **Teletext 2.5**.
2. Press the cursor right to select **Teletext 2.5 On** to take advantage of this feature.
3. Press the cursor right again to select **Teletext 2.5 Off** if you like the more neutral teletext layout.
   The selection made is valid for all channels which broadcast teletext 2.5.

   Note: It may take a few seconds before teletext broadcast switches over to Teletext 2.5.

Auto Surround

Sometimes the broadcaster transmits special signals for Surround Sound encoded programmes.
The TV automatically switches to the best surround sound mode when **Auto Surround** is switched **On**.

Subwoofer

Select **Yes** if you installed an external subwoofer. See Connect Peripheral Equipment, Connect extra subwoofer, p. 20.

Set/Change code

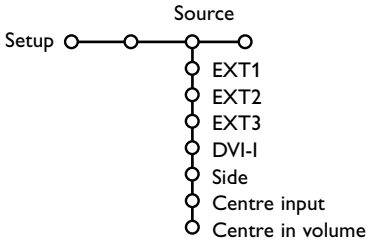
The Child lock feature (see TV, Features, p. 13) allows you to lock channels to prevent others from watching certain programmes. To watch locked channels, a 4-digit code must be entered. The Set/Change code menu item allows you to create or change a Personal Identification Number (PIN).

1. Select **Set/Change code**.
2. If no code exists yet, the menu item is set to **Set code**.
   If a code has previously been entered, the menu item is set to **Change code**. Follow the instructions on screen.

Important: You have forgotten your code !

1. Select **Change code** in the General menu and press **OK**.
2. Press the cursor right and enter the overriding code 8-8-8-8.
3. Press the cursor again and enter a new personal 4-digit code. The previous code is erased and the new code is stored.

Source



This menu allows you to indicate the peripheral you connected to one of the external inputs.

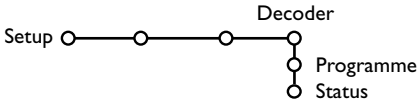
1. Press the cursor right to enter the list of types of peripherals attached to the selected input.
2. Select the peripheral device with the cursor up/down.

Once you have selected the source type, e.g. DVD, this source will automatically be selected when your remote control is in DVD mode, see p. 3, and when you press the ⊡ key on the remote control.

Centre input - Centre in volume

When you have connected a surround receiver to the TV, see p. 20, the loudspeakers of the TV can act as centre speaker, making a separate centre speaker unnecessary.
Select **Centre input On**.
When having selected **On**, you can adjust the **Centre in volume** with the cursor left/right to correct volume level differences of the external audio receiver and speakers.
Note: This is not the case with a Cinema Link surround receiver.

Decoder

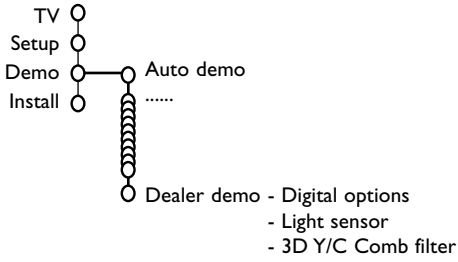


If a decoder or a descrambler is connected, see p. 19, you can define one or more programme numbers as decoder programme numbers.

1. Select **Decoder** with the cursor right.
2. Select **Programme**.
3. Select the programme number under which you have stored the programme coming from your decoder.
4. Select **Status**.
   - Select the input used to connect your decoder: **None**, **EXT1** or **EXT2**.
   - Select **None** if you do not want the selected programme number being activated as a decoder programme number.

*Note: Select **EXT2** when the decoder is connected to your EasyLink recorder.*

Demo



The Demo menu allows to demonstrate the TV features separately or in a continuous loop.

Note: Toggling through all the Ambilight modes will display each mode for 10 seconds each. Before switching to the next mode the light will first fade to off and then fade up in the next mode.

If **Auto demo** has been selected the demo will automatically present the features sequentially in a loop. Press one of the cursor keys to stop the Auto demo.
If one of the features has been selected, this particular feature demo will run only once, and the Demo menu will reappear.

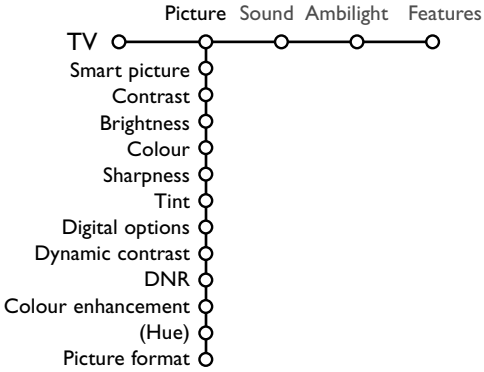
Note: The Dealer demo is not part of the automatic sequence and can only be activated separately.

TV menu

Press the **MENU** key on the remote control to summon the main menu.
Note: Dependent on the input signal, one or more menu items may not be selectable.

Press the key on the remote control to get information about the selected menu item.

Picture menu



1. Press the cursor right to select **Picture**.
2. Select the menu items in the Picture menu with the cursor up/down.
3. Adjust the settings with the cursor left/right or enter the list of submenu items with the cursor right. Select a submenu item with the cursor up/down.

Note: To remove the menu background before adjusting the picture settings, see Select TV setup, General, p. 8.

Smart picture

Select **Smart picture** to display a list of predefined picture settings, each corresponding with specific factory settings.
Personal refers to the personal preference settings of picture in the picture menu.
Note: This Philips Flat TV has been set at the factory to look best in bright store environments which use fluorescent lighting. As your home will likely not be as well lit as a store, we recommend you that you cycle through the various Smart picture modes to find the one that best suits your own viewing conditions. Most consumers will find that Natural is the correct choice.

Digital options

Pixel Plus 2 is the most ideal setting, doubles the horizontal resolution and increases the number of lines by 33%.
You may consider to select Movie Plus in case a halo effect should disturb you. Dependent on your own preference, select Progressive scan.

Dynamic contrast

Sets the level at which the TV automatically enhances the details in dark, middle and light areas of the picture.

DNR

This sets the level at which noise is measured and reduced in the picture.

Colour enhancement

This makes the colours more vivid and improves the resolution of details in bright colours.

Hue

This compensates for the colour variations in NTSC encoded transmissions.

Picture format

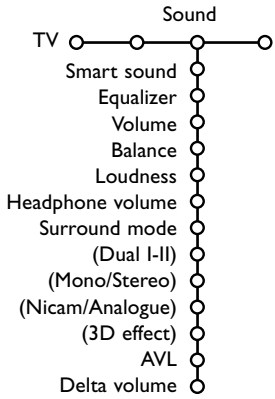
This will adjust the size of the picture dependent on the broadcast format and your preferred setting.
See also Use of the remote control, Picture format, p. 4.

Active Control

The TV continuously measures and corrects all incoming signals in order to provide the best picture possible. The ambient light sensor adjusts the settings according to the viewing conditions in the room (only when having selected the Active control value Maximum).

1. Press the key on the remote control.
   Note: Switch off all menus on screen.
2. The Active Control menu appears.
3. Press the cursor up/down to select the Active Control values **Off**, **Minimum**, **Medium** or **Maximum**.
   The picture settings are being optimised continuously and automatically which is displayed by bars. Those menu items can not be selected.
4. Press the cursor right to select **Smart Picture**.
5. Press the cursor up/down to select one of the predefined picture settings.
6. Press the cursor right to select **Active Display**.
7. Press the cursor up/down to select **Show bars**, one of the Dual screen demos or **Off**. When you select Dynamic contrast, Pixel Plus 2, Digital Noise Reduction or Digital Natural Motion, the TV screen is divided into two parts: in the left part the selected picture quality setting is switched off; in the right part it is switched on.
   Note: Dependent on the input signal, one or more Dual screen demos may not be selectable.
8. Press the key again to switch off the Active Control menu.

Sound



1. Press the cursor right to select **Sound**.
2. Select the menu items in the Sound menu with the cursor up/down and adjust the settings with the cursor left/right. Remember, control settings are at normal mid-range levels when the bar scale is centred.

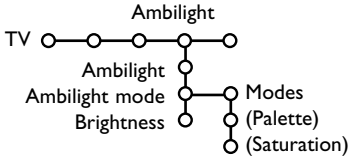
Smart sound

Select Smart sound to display a list of predefined sound settings, each corresponding with specific factory settings of Treble and Bass. **Personal** refers to the personal preference settings of sound in the sound menu.

Notes:

- *Some menu items are only available in case of a Cinema Link configuration and when the Cinema Link is activated. Others are steered by the audio receiver instead of by the TV. See the separate Cinema Link booklet supplied, p. 25.*
- *Dual I-II is only available with dual sound transmission.*
- *Mono/Stereo is only selectable in case of analogue stereo transmission.*
- *Nicam/Analogue is only selectable in case of Nicam transmission.*

Ambilight

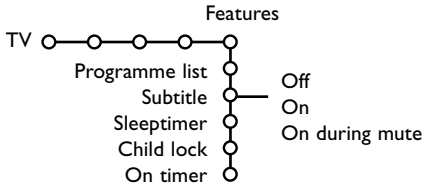


The Ambilight menu contains options for controlling the ambient lighting at the rear of the TV. Using ambient light gives a more relaxed viewing experience and improves perceived picture quality. See also the separate supplied brochure on Optimal viewing experience.

1. Press the cursor right to select **Ambilight**.
2. Select the menu items with the cursor up/down and adjust the settings with the cursors left/right.

Use the on-screen Menu-Info for more information about the menu items.

Features menu



1. Press the cursor right to select **Features**.
2. Select the menu items with the cursor up/down and adjust the settings with the cursor left/right.

Use the on-screen Menu-Info [i+] for more information about the menu items.

Programme list

Press the **OK** key to switch over to the selected TV channel or external.

Select subtitles

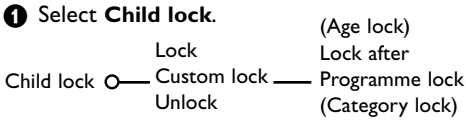
The subtitle page must be stored for each TV channel:
Switch on teletext and select the proper subtitle page from the index. Switch off teletext.
Subtitle On will automatically display them on the selected TV channels if subtitles are in the transmission. A symbol will indicate that the mode is on.
Select **On during mute** when you want to have the subtitles automatically displayed only when the sound has been muted with the 🔇 key on the remote control.

Sleeptimer

This sets a time period after which the TV automatically switches to standby.

Child lock

1. Select **Child lock**.



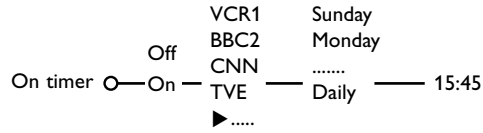
2. Press the cursor right to enter the Child lock menu. You're summoned to enter your code.
Note: You have to re-enter your code each time you enter the child lock menu.

Important: You have forgotten your code ! See p. 9.

3. Select one of the menu items of the child lock menu:
   - **Lock** if you want to lock all channels and externals.
   - **Custom lock** and press the cursor right. The items Age lock and Category lock are only available when NEXTVIEW broadcast is available. Select:
     - **Age lock** if you want to lock programmes related to a certain age: off, 2, 4 ... 16.
     - **Lock after** if you want to lock all programmes from a certain time onwards. Press the cursor right and enter the time with the cursor up/down and right. Press the **OK** key to validate.
     - **Programme lock** if you want to lock a certain TV channel or external;
     - **Category lock** if you want to lock programmes related to a certain theme: Movies, Sports, Shows....
   - Select **Unlock** to disable all locks you have set.

On timer

1. Select **On timer** with the cursor down.



2. Select **On** with the cursor right.
3. Press the cursor right again to enter the programme list.
4. Select the TV channel or external you want your TV to switch to on a selected time and day.
5. Press the cursor right again to select a day of the week or to select **Daily**.
6. Press the cursor right once again to enter the time with the digit keys or with the cursor up/down and press the **OK** key to activate.
7. Press the **MENU** key to turn off the menu.
Note: To check your timer settings, press the [i+] key.

NEXTVIEW / Teletext guide

NEXTVIEW is an electronic guide that allows you to look up programmes as you would in a newspaper or a TV magazine. You can sort the programmes by subject (films, sport...), obtain detailed information and programme your recorder if it comes with the NEXTVIEWLink function.

As the NEXTVIEW service is only available on certain programmes and in certain countries the NEXTVIEW service has been set default to OFF in the factory.
The Teletext Programme Guide appears in its place. This is based on teletext programme information (if available) and offers most functions of NEXTVIEW.
If you want to make use of the NEXTVIEW service, you may decide to switch **ON** the NEXTVIEW option:

1. Press simultaneously and continuously for at least 4 seconds, the **MENU** key at the right side of your TV and the digit key "1" on your remote control.
2. The TV turns to standby.
3. Switch your TV on again.

Additional consequences:

The **NEXTVIEW provider** menu item and the option **Themes** in the Smart surf menu appear in the General Setup menu. See p. 8.
Note: The broadcaster is responsible for the content of the information.

To switch **OFF** the NEXTVIEW option again:

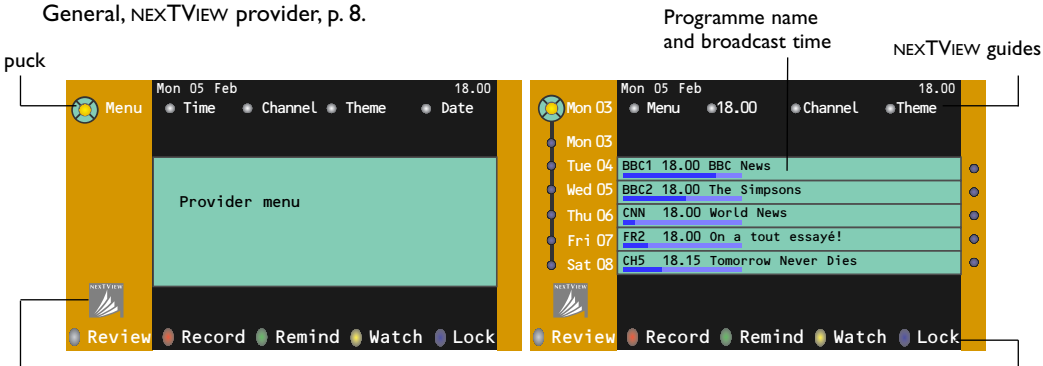
1. Press simultaneously and continuously for at least 4 seconds, the **MENU** key at the right side of your TV and the digit key "0" on your remote control.
2. The TV turns to standby.
3. Switch your TV on again.
4. The **NEXTVIEW provider** menu item and the option **Themes** in the Smart surf menu in the General Setup menu are no longer available.

Call NEXTVIEW / Teletext guide

Press the key on the remote control to call the NEXTVIEW/Teletext guide. A menu appears with the message **One moment please**. After a while you obtain:
- a NEXTVIEW page, if the selected channel broadcasts this service (the NEXTVIEW logo is displayed),
- a teletext page, if the selected channel does not broadcast NEXTVIEW,
- **No information available** is displayed if neither NEXTVIEW nor teletext are transmitted. In this case, select another channel.

Display of a NEXTVIEW page

The information is set by the channel that transmits the NEXTVIEW service. See also Setup menu, General, NEXTVIEW provider, p. 8.



NEXTVIEW guides

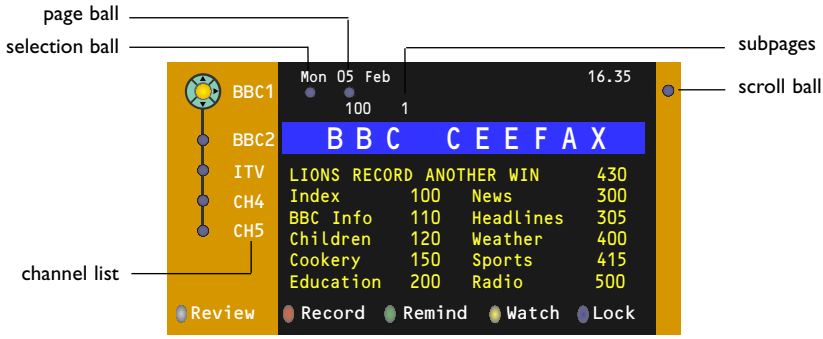
1. Use the cursor key left/right to select **Time**, **Channel**, **Theme**, the **Date** guide.
   The **Time guide** provides an overview of all programme titles active in the selected time block. The **Channel guide** provides an overview of all programmes that are broadcast by a single channel during one day. With the **Date guide** you can choose a specific date. The **Theme guide** displays a list of all programmes at the selected date, that matches with the selected category.
   Going through the menu guide, the TV is collecting the sorting criteria to finally display a list of programme events.
2. Press the **OK** key to select the guide type.
3. Move the puck down and to the right to select the programmes.
   If available a summary or commentary on the programme is displayed at the bottom of the screen.
4. Use the cursor up/down to scroll through the programmes.

Picture/NEXTVIEW - Teletext guide

1. Press the 📖 key. Press the 1 2 key to show NEXTVIEW/Teletext guide on the right of the screen.
2. Use the cursor keys to select a TV channel.
3. Press the 1 2 key to switch off dual screen.

Teletext Guide

1. Enter with the digit keys, the teletext page number that contains the programme information for the current channel.
2. Press the cursor right to move the puck over the selection ball.
3. Use the cursor up/down to scroll through the different programmes.



- If the selected programme contains a page number with an optional subcode referring to a page with more info about the programme, press the **OK** key to display the information. Press the **OK** key again to return to the programme guide page.
- If the selected programme guide page satisfies the VPT (Video programming via Teletext) requirements,
  - it will be possible to record, remind, watch or lock programmes:
  - the TV will remember the last selected teletext page number of that channel that contains programme guide information and indicates which programme starts at what time. Every time you press the 📖 key, the teletext programme guide page of the selected TV channel will be available.
- When necessary you can select the subpage number by moving the cursor to the pageball and pressing right.

Note: You must enter the teletext pagenumber for each channel. You can change the channels also by moving the cursor up/down in the list in the left of the page.

Basic functions

Press one of the grey, red, green, yellow or blue keys to activate a NEXTVIEW or Teletext Guide function. The keys appear in grey if the function is not available.

Review: this menu provides a list of programmes that are marked as reminders, those that have to be recorded and those that are locked. This menu can be used to change or remove marked programmes.

Record: to programme the recording of the recorder (if it has a NEXTVIEWLink function and is connected to **EXT2**).

Remind: automatically switch on the TV if it is in standby or by displaying a message if the TV is on.

Lock: to lock certain programmes to prevent recording or watching.
For the functions Record, Remind or Lock, a small menu pops up in which you can choose the interval: once, daily or weekly, or clear an earlier made record, remind or lock setting. The default interval is set to **Once**. To confirm the frequency, press the **OK** key.

Watch: to watch the selected and currently broadcast programme.

Acquisition and updating of NEXTVIEW information

Acquisition and updating of NEXTVIEW is done when you are watching the TV channel of the selected NEXTVIEW provider, see Setup menu, p. 8, or when the TV is switched to standby;
Acquisition of fresh data will happen once during the night.
Note: it may be necessary to put the TV in standby mode when all NEXTVIEW information is outdated, e.g. when returning from holiday.

Teletext

Most TV channels broadcast information via teletext. This TV has a 1200 pages memory that will store most broadcasted pages and subpages to reduce waiting time. After each programme change, the memory is refreshed.

Switch Teletext on and off

Press ☰ to switch the teletext on.

Select a Teletext page

- Enter the desired page number with the digit keys, the cursor keys up/down, left/right or with the **-P+** key.
- Select the options at the bottom of the screen with the colour keys.

Previously selected teletext page

(Only possible in case there is no list of favourite teletext pages available. See p. 18.)
Press the P↤P key.

Select the index teletext page

Press the grey colour key ▶▶ to display the main index (usually p.100).

Only for T.O.P teletext broadcasts :

Press i+. A T.O.P. overview of the teletext subjects available is displayed.
Select with the cursor up/down, left/right the desired subject and press the **OK** key.
Not all TV channels broadcast T.O.P. teletext.

Select subpages

When a selected teletext page consists of different subpages, a list of available subpages appears on the screen.
Press the cursor left or right to select the next or previous subpage.

Picture/Teletext

1. Press the ☰ key. Press the 1 2 key to show Teletext on the right of the screen.
2. Use the cursor keys to select a TV channel.
3. Press the 1 2 key to switch off dual screen.

Enlarge a Teletext page

Press ⇔ repeatedly to display the upper teletext part, the lower teletext part and then to return to the normal teletext page size.
When the teletext page is enlarged, you can scroll the text, line by line using the cursor up/down.

Hypertext

With hypertext you can quickly jump to a pagenumber or search for a specific word shown on the current teletext page.

1. Press the **OK** key to highlight the first word or a number on the page.
2. Use the cursor up/down, left/right to select any other word or number you want to search for.
3. Press the **OK** key to confirm. The search starts. A message appears at the bottom of the screen to indicate the searching, or that the word or page is not found.
4. Use the cursor up to exit hypertext.

Teletext menu

1. Press the **MENU** key to activate the menu.
2. Press the cursor up/down to select the menu items.
3. Press the cursor right to activate.

Reveal

Reveals/conceals hidden information on a page, such as solutions to riddles and puzzles.
Press the cursor right to activate.

Favourite

You may create a list of eight favourite teletext pages in total, selected from various TV channels.

To add a favourite page to the list:

1. Select a favourite teletext page.
2. Select **Favourite** in the teletext menu and press the cursor right to enter the list.
3. Press the cursor right again to add the page.
4. Press the **MENU** key to watch the current page.

To watch a favourite page from the list:

When in Teletext, use the P‹P key to browse through the favourite pages of the TV channel actually selected.

Note: only the pages of the current channel can be selected.

Search

Selecting a word

On the keyboard on screen you can type in a random word you want to search for in the teletext pages. Whether upper- or lowercase is used has no influence.

1. Press the cursor right to enter the keyboard.
2. Press the cursor left/right, up/down to select the characters, words or functions.
3. Press the **OK** key to confirm each character selected.
4. Select **Cancel** to cancel the word; **Space** to enter a space; **Delete** to delete the last character selected; **Shift** to switch between lowercase or capital characters; **Special** to display special characters on the keyboard and press the **OK** key.
5. Press the cursor left repeatedly to return to the Teletext menu again.

Searching a word

1. Type in the word on screen or select a word from the history list on the right and press **OK**.
2. Select **Accept** and press **OK** again. The message Searching appears.
3. To cancel the searching or to search for a new word, select **Keyboard** and press **OK**.
4. When a word is not found, a message appears. When the word is found, it is highlighted in the teletext page. To continue the search, press the **OK** key.

Cycle subpages *(if available)*

Makes the subpages cycle automatically.
Press the cursor right to activate and to de-activate again.

Timed page

To display a specific page from a selected TV channel at a certain time.

1. Press the cursor right and select **Yes** or **No**.
2. Enter the time and pagenumber with the cursor keys or the digit keys.
   Notes:
   - *Teletext does not have to remain switched on, but you should watch the TV channel you have selected the specific page from.*
   - *It is not possible to display a timed page when in VGA mode.*
3. Press the cursor left to return to the TV menu again.

Language

If the displayed characters on screen do not correspond with the characters used by the teletext broadcaster, you can change the language group here.
Select **Group 1** or **Group 2** with the cursor right.

Press the **MENU** key to leave the Teletext menu.

Connect Peripheral Equipment

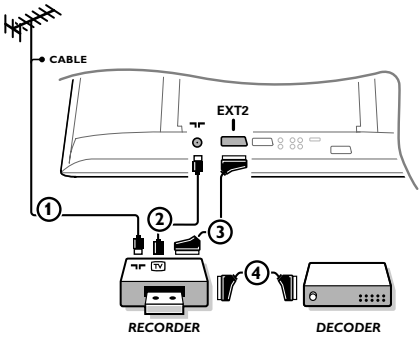
There is a wide range of audio and video equipment that can be connected to your TV.
The following connection diagrams show you how to connect them.

*Note: **EXT1** can handle CVBS and RGB; **EXT2** CVBS, Y/C and RGB; **EXT3** CVBS; **DVI** can handle VGA, SVGA, XGA (only 50PF9966) and 480p, 576p, 720p (only 50PF9966), 1080i and 1152i.*
*It is preferable to connect peripherals with RGB output to **EXT1** or **EXT2** as RGB provides a better picture quality.*

*Note: If your recorder is provided with the EasyLink function, it should be connected to **EXT2** to benefit from the EasyLink functionality.*

Recorder (VCR-DVD+RW)

Note: Do not place your recorder too close to the screen as some recorders may be susceptible to signals from the display. Keep a minimum distance of 0,5 m from the screen.

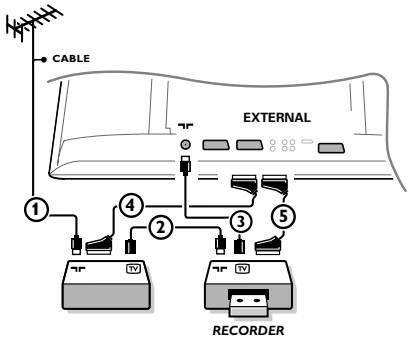


Connect the aerial cables ①, ② and, to obtain the optimum picture quality, eurocable ③ as shown.
If your recorder does not have a euroconnector, the only possible connection is via the aerial cable. You will therefore need to tune in your recorder's test signal and assign it programme number 0 or store the test signal under a programme number between 90 and 99, see Manual installation, p. 6.
See the handbook of your recorder.

Decoder and Recorder

Connect a eurocable ④ to your decoder and to the special euroconnector of your recorder. See also the recorder handbook. See Decoder, p. 10. You can also connect your decoder directly to **EXT1** or **2** with a eurocable.

Other equipment (satellite receiver, decoder, DVD, games, etc.)

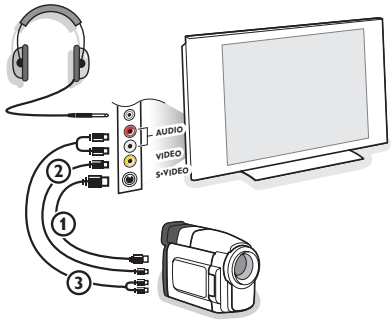


❶ Connect the aerial cables ①, ② and ③ as shown (only if your peripheral has TV aerial in-/output). Connect your equipment with a eurocable ④ or ⑤ to one of the euroconnectors **EXT1**, **2** or **3** to obtain a better picture quality.

❷ Look for the test signal of your peripheral in the same way as you do for a recorder.

❸ Make a selection in the Setup, Source menu, p. 10.

Side connections



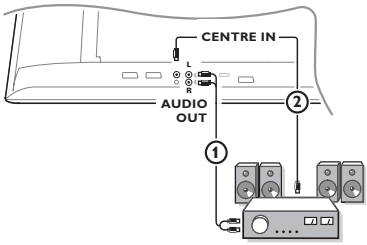
Camera, Camcorder or Game

1. Connect your camera, camcorder or Game as shown.
2. Connect to **VIDEO** (2) and **AUDIO L** (3) for mono equipment. For stereo equipment also connect **AUDIO R** (3).
   S-VHS quality with an S-VHS camcorder is obtained by connecting the S-VHS cables with the **S-VIDEO** input (1) and **AUDIO** inputs (3).
   Do not connect cable (1) and (2) at the same time. This may cause picture distortion !

Headphone

1. Insert the plug into the headphone socket as shown.
2. Press on the remote control to switch off the internal loudspeakers of the TV.
   The headphone impedance must be between 8 and 4000 Ohm. The headphone socket has a 3.5 mm jack.
   In the Sound menu select **Headphone volume** to adjust the headphone volume.

Multi channel Surround receiver

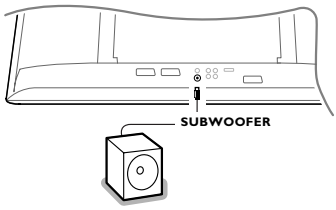


1. Connect the audio cable to the multi channel Surround receiver and to **AUDIO OUT L** and **R** at the bottom of your TV (1).
2. If you want the loudspeakers of your TV to act as centre speaker, also connect an audiocable to the multi channel Surround receiver and to the **CENTRE IN** at the bottom of your TV (2).
3. Select **Centre Input On** in the Source menu. See p. 10.

   The loudspeakers of the TV will now only produce centre sound, the loudspeakers connected to the audio receiver will produce Surround Sound. The volume has to be controlled via the multi channel Surround receiver.

   Note: No sound will be heard when a TV channel or external source is blocked via the Child lock menu (see p. 13).

Connect extra subwoofer



To enhance the sound reproduction of your TV you can connect an externally powered subwoofer (between 20 and 250 Hz).

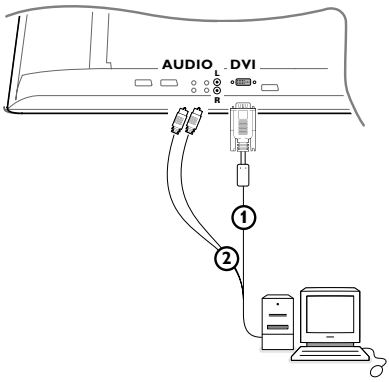
1. Connect the audio cable of the external subwoofer to the **SUBWOOFER** socket at the rear of your TV.
2. Select **Subwoofer** in the Setup, General menu, p. 9.
3. Adjust the frequency of the external subwoofer to 100-120 Hz (according to your personal preference) if present on the subwoofer.
4. Adjust the volume level of the external subwoofer, presumed this control is present on the subwoofer. See also the instruction manual of the external subwoofer.

Cinema Link surround receiver

See the separate supplied Cinema Link instruction manual, p. 25.

Attention: the sound info on screen will not correspond with the actual sound reproduction.

Connect your computer



1. Connect one end of a VGA cable (1) (if necessary via a supplied VGA to DVI adaptor) to the video card of the computer and the other end to the **DVI** connector at the bottom of the TV.
   Fix the connectors firmly with the screws on the plug.
2. In case of a Multimedia computer, connect the audio cable (2) to the audio outputs of your Multimedia computer and to the **AUDIO R** (right) and **L** (left) inputs.

The **DVI** connector allows the following TV and monitor display modes:

EDTV	640/720 x 480p	
	720 x 576p	
HDTV	1920 x1080i	
	1280 x 720 p *(only 50PF9966)*	
VGA	640 x 480	60 Hz
SVGA	800 x 600	60 Hz
XGA	1024 x 768	60 Hz *(only 50PF9966)*

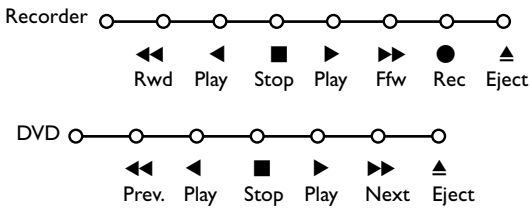
To select connected equipment

Press the ⇥ key on the remote control repeatedly, or select Source in the Setup menu (see p. 10) to select **EXT1**, **EXT2**, **EXT3**, **Side** or **DVI** according to where you connected your equipment.

Remark : Most equipment (decoder, recorder) carries out the switching itself, when it is switched on.

Recorder or DVD with EasyLink

The recorder or DVD can be operated with the remote control via the **Recorder** or **DVD** menu on screen.



1. Press the **MENU** key on the remote control.
2. Select the **Recorder** or **DVD** menu with the cursor up/down.
3. Press the cursor left/right, up/down to select one of the recorder or DVD functions.

The key ● for recording can be operated in the TV mode.
If your EasyLink recorder has the system standby function, when you press the ⏻ key for 3 seconds, both TV and the recorder are switched to standby.

Record with your recorder with EasyLink

In TV mode, it is possible to start a direct recording of the programme which is being displayed on the TV screen. Continue to press the ● record key on the remote control for more than 2 seconds.

Note: Switching programme numbers on your TV does not disturb recording !
*When recording a programme from a peripheral connected to **EXT1**, **EXT3** or **Side**, you can not select another TV programme on the screen without disturbing the recording.*

Audio- and video equipment keys

This system remote control operates the following Philips equipment: TV, VCR, DVD, DVD/R, SAT (RC5/RC6), AMP (+TUNER), CD, CD/R.

Press the **Select** key to operate any of the equipment indicated in the display (**AUX** = CD; **DVD/R** = DVD, **SAT** = SAT (RC5). Another device can be selected by pressing **Select** repeatedly within 2 seconds. The led will blink slowly to indicate the device.
Press one of the keys on the remote control to operate the peripheral equipment.
To return to TV mode press **Select** while the led is blinking.
When no action is taken within 60 seconds, the remote goes back to **TV** mode.

When you do not want the remote to go back to TV mode, and to stay in the mode selected, proceed as follows:
Select the desired mode with the **Select** key. Wait until no LED is lit. Press the **Select** key again simultaneously with the **OK** key for at least 2 seconds. The remote will not go back to TV mode from now on and will remain in the mode selected.
To go back to the default setting of the remote (TV mode) repeat what is explained above, selecting the TV mode.

*Note: When the **Select** key is pressed and held for more than 2 seconds, the RC5/RC6 system select command is transmitted.*

- ⏻ to switch to standby
- ⏸ 📖 for pause (**VCR**, **DVD**, **CD**) RDS news/TA (**AMP**); to shuffle play (**CD/R**)
- ● for record
- ◀◀ for rewind (**VCR**, **CD**); search down (**DVD**, **AMP**)
- ■ for stop
- ▶ for play
- ▶▶ for fast forward (**VCR**, **CD**); search up (**DVD**, **AMP**)
- ⏯ for pause (**CD/R**)
- ☰ RDS display (**AMP**); to select your choice of subtitle language (**DVD**);
- ⓘ display information
- **MENU** to switch the menu on or off
- **- P +** for chapter, channel, track selection
- 0 to 9 digit entry
- P↤P tape index (**VCR**), select a DVD title/chapter, select a frequency (**AMP**)
- ⏲ VCR timer
- cursor up/down to select the next or the previous disc (**CD**)
- cursor left/right to select the previous or following track (**CD**) search up/down (**AMP**)

Additionally the **DVD/R**, **SAT** and **AUX** indicator can be programmed to operate the DVD-R, DVD + receiver, DVD-R + receiver, SAT (RC6), CD-R and VCR instead.

1. Select **TV** with the **Select** key.
2. To program
   - **DVD-R**, press the **OK** key + digit 2;
   - **SAT (RC6)**, press the **OK** key + digit 4;
   - **CD-R**, press the **OK** key + digit 6;
   - **DVD + receiver**, press the **OK** key + digit 7;
   - **DVD-R + receiver**, press the **OK** key + digit 8;
   - **VCR**, press the **OK** key + digit 9.
3. Select the corresponding **DVD/R**, **SAT**, **AUX** indicator. The remote control will operate your DVD-R, DVD or DVD-R in combination with a receiver (**DVD/R**), SAT (RC6) (**SAT**), CD-R or VCR (**AUX**).

   *Note: To return to the modes programmed in the factory, either remove the batteries for a few minutes, or press the **OK** key + digit 1 (DVD mode); or + digit 3 (SAT-RC5) or + digit 5 (CD mode).*

Tips

Care of the screen	Do not touch, push or rub or strike the screen with anything hard as this may scratch, mar or damage the screen permanently. And please do not rub with dust clothes with chemical treatment. Do not touch the surface with bare hands or greasy cloth (some cosmetics are detrimental to the screen). Unplug the TV before cleaning the screen. When the surface becomes dusty, please wipe gently with absorbent cotton or other soft materials like chamois soaks. Do not use acetone, toluene and alcohol because they cause chemical damage. Do not use liquid cleaners or aerosol cleaners. Wipe off saliva or water drops as soon as possible. Their long time contact with the screen causes deformations and colour fading.
Poor Picture	• Have you selected the correct TV system in the manual installation menu? • Is your TV or house aerial located too close to loudspeakers, non-earthed audio equipment or neon lights, etc.? • Mountains or high buildings can cause double pictures or ghost images. Sometimes you can improve the picture quality by changing the direction of the aerial. • Is the picture or teletext unrecognisable? Check if you have entered the correct frequency. See Installation, Manual installation, p. 6. • Are brightness, sharpness and contrast out of adjustment? Select Factory settings in the Setup, General menu, p. 8.
No Picture	• Are the supplied cables connected properly ? (The aerial cable to the TV, the other aerial to your recorder, the VGA cables to the display, the power cables.) • Has the child lock been switched off ? • Is your PC switched on ? • Do you see a black screen and the indicator in front of the TV lights up blue, this means that the display mode is not supported. Switch your VGA-source to a correct display mode. • In case of weak or bad signal, consult your dealer.
Digital distortion	The low quality of some digital picture material may be the cause of digital image distortion. In this case select the Soft setting using the Picture menu, Smart Picture, without changing the picture settings manually.
No sound	• No sound on any channel? Check the volume isn't at minimum. • Is the sound interrupted with the mute key ?
No solution found for your picture or sound problem ?	Switch your TV off and then on again once. Never attempt to repair a defective TV yourself. Check with your dealer or call a TV technician.
NEXTVIEW	**No NEXTVIEW info:** See Acquisition and updating of NEXTVIEW information, p. 16. **Displayed time is wrong:** The broadcaster on programme number one does not transmit the correct local date and time. Use Reshuffle in the installation menu to place another broadcaster on programme number one.

Remote control	• Check if the remote control is in the correct mode. • If your TV no longer responds to the remote control, the batteries may be dead. • You can still use the **MENU** key and the -/+ keys on the right side of your TV.
Standby	Your TV consumes energy in the standby mode. Energy consumption contributes to air and water pollution. Power consumption: 2 W.
No stable or not synchronised VGA picture	Check if you have selected the correct VGA mode in your PC.
Miscellaneous	See Extras, Specifications on this CD.

Warning concerning stationary images on the TV screen

A characteristic of Plasma Display Panels is that displaying the same image for a long time can cause a permanent after-image to remain on the screen. This is called phosphor burn in. Normal use of the TV should involve the showing of pictures that contain constantly moving and changing images that fill the screen.

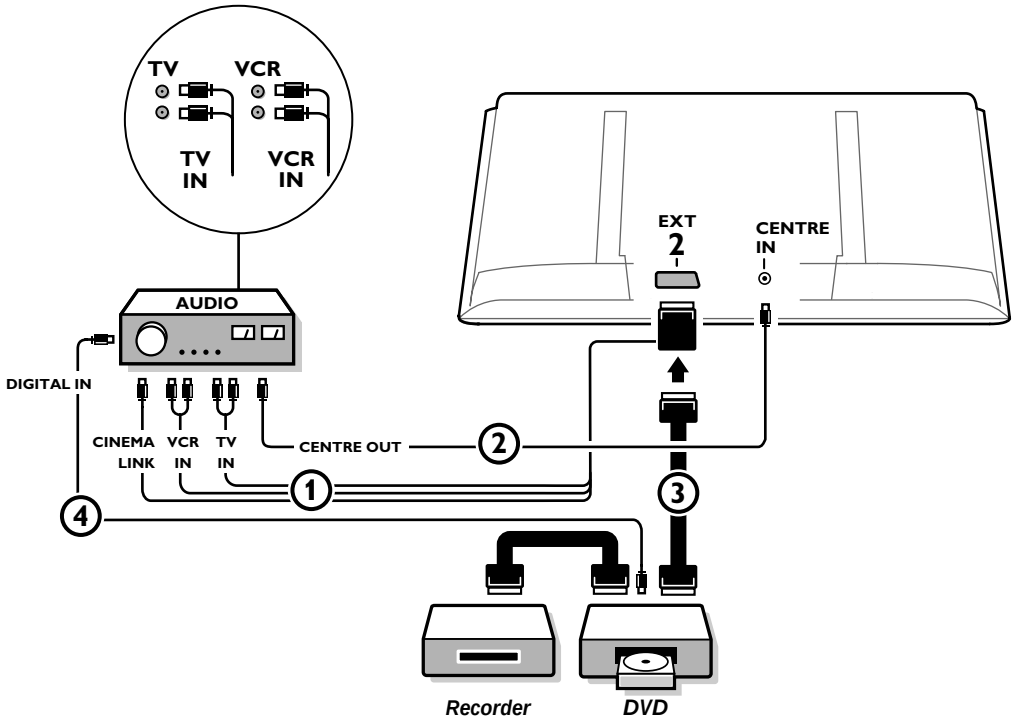
Examples of stationary images (this is not an all-inclusive list, you may encounter others in your viewing):

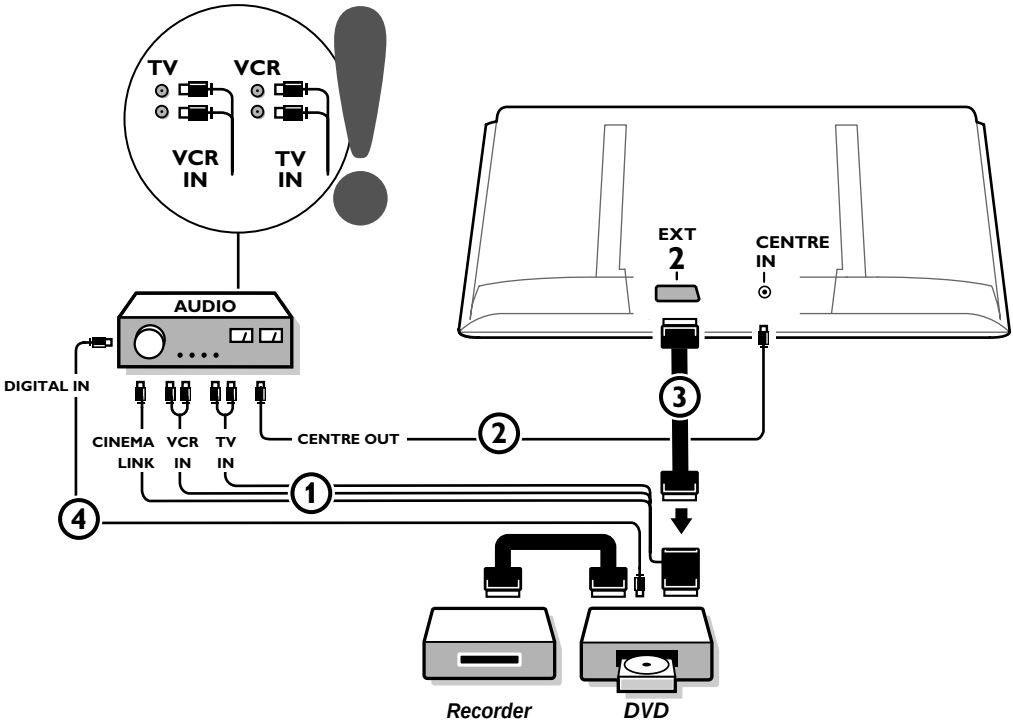
- **TV and DVD menus**: listings of DVD disk content;
- **Black bars**: when black bars appear at the left and right side of the screen, it is recommended to change to a picture format so that the picture fills the entire screen;
- **PIP and Multipip**: do not view for long periods of time using the PIP function or Multipip function;
- **TV channel logo**: present a problem if they are bright and stationary. Moving or low-contrast graphics are less likely to cause uneven aging of the screen;
- **Stock market stickers**: presented at the bottom of the TV screen;
- **Shopping channel logos and pricing displays**: bright and shown constantly or repeatedly in the same location on the TV screen.
  Examples of still pictures also include logos, computer images, time display, teletext and images displayed in 4:3 mode, static images or characters, etc.

Notes:
- reduce contrast and brightness when viewing
- once burn-in occurs it will never disappear completely.

Cinemalink

PHILIPS


TV
VCR
TV IN
VCR IN
AUDIO
DIGITAL IN
CINEMA LINK
VCR IN
TV IN
CENTRE OUT
EXT 2
CENTRE IN
1
2
3
4
Recorder
DVD


TV
VCR
VCR IN
TV IN
AUDIO
DIGITAL IN
CINEMA LINK
VCR IN
TV IN
CENTRE OUT
EXT 2
CENTRE IN
1
2
3
4
Recorder
DVD

Note: The Cinema Link functionality is only available with devices of the Cinema Link (P50.3) generation !

Cinema Link is a new Philips feature in which the TV, the audio receiver and other video peripherals communicate with each other (on condition they all are equipped with the Cinema Link functionality and are connected via a eurocable). They automatically offer the highest quality combination of picture and multi channel surround sound to create your own Home Cinema.

With one key on the remote control, with which you can control all Cinema Link products, your total Cinema Link system will be started and the DVD or video recorder will start to play and the audio receiver will provide the sound (on the condition Cinema link is enabled) on behalf of the TV.
The TV or monitor can function as the centre speaker of your system, making a separate centre speaker unnecessary (only in case your TV or receiver box is equipped with a Centre IN connector).
By pressing the standby key ⏻ on the remote control for at least 3 seconds, the complete Cinema Link system will be switched to standby.

Recommended:

Do not use the AC outlet at the back of the audio receiver to power the DVD or the video recorder in a Home Cinema configuration.

Configuration of the Cinema Link peripherals

The connection diagram in the inside cover shows you how to connect the Cinema Link peripherals with each other.
Notes:
- *Besides the TV or receiver box at least one peripheral should be provided with the Cinema Link functionality to benefit from this feature.*
- *To take advantage of the highest quality of multi channel Surround sound it is advisable that you have a Cinema Link audio receiver connected.*
- *The peripherals connected don't need to see the TV remote control in the Cinema Link system. The commands given to the TV are automatically passed to the other peripherals. This allows you to put the peripherals behind the doors of a cabinet or to place them in another room.*
- *To enjoy Digital Surround playback, the digital device (e.g. DVD) should be connected to the digital input of the audio receiver with a separate cinch audio cable ④. In case your TV is provided with a DIGITAL AUDIO OUT connector, also connect it to one of the digital input connectors of your audio receiver ⑤. If you connect the digital audio output connector of your TV and/or peripheral equipment to a digital input connector of your audio receiver ④ and ⑤ (if present), select the appropriate digital input (1 or 2) in your audio receiver.*
- *The optional wireless speakers of the TV cannot be used.*

Preparation and Operation

1. Cinema Link is switched on as soon as the audio receiver and the TV are switched on. If necessary, Cinema Link may be switched off or on again only on the audio receiver. See the instructions for use of your audio receiver.
   Important: When Cinema Link is switched on all audio commands control the audio receiver instead of the TV.
2. The message **CINEMALINK ON** is displayed on the audio receiver and on the TV. Now the CinemaLink system is activated.
   Note: it is recommended to disable CinemaLink when the receiver is used to record a CD e.g. or when using a headphone when others are watching TV.

   Now you can adjust the initial TV settings for optimal surround sound and install the audio channels before starting up one of the CinemaLink devices. The system information about country choice, menu language and picture format you set up during the installation of the TV is transferred to the audio receiver automatically.

   TV as centre speaker (only in case your TV or receiver box is equipped with a Centre IN connector)

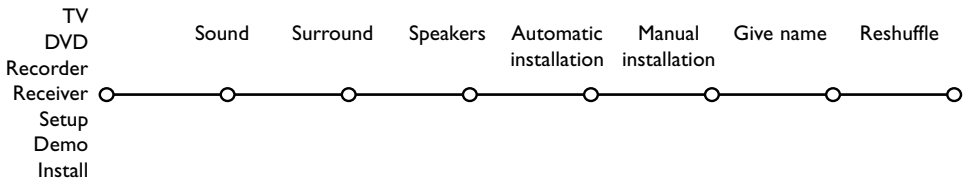
   See the Instructions for Use of the TV or receiver box, Setup, Source menu, Centre input.
   Use the test tone function in the Speakers menu to have a reference of the loudness of the separate speakers.
   Note: If you want the loudspeakers of your TV or monitor to act as centre speaker, also connect a cinch audio cable (not supplied) ② to the CENTRE IN connector of your TV or receiver box.

Activating CinemaLink

Continue to press the -key on the remote control for more than 4 seconds.

1. The TV or receiver box sends a play command to the Cinema Link DVD player, if present.
2. The DVD player will start playing and the audio receiver automatically switches to the best Cinema Link sound.
3. If no DVD player is connected or if the DVD player has no disc loaded, the command can not be executed.
4. The TV or receiver box will then send a play command to the Cinema Link video recorder, if present.
5. The video recorder will start playing and the audio receiver selects the best Cinema Link sound.
6. If no video recorder source is connected or tape is loaded, the TV or receiver box will select the last watched TV channel.

Receiver menu



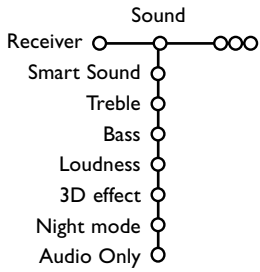
Note: When Cinema Link is enabled, certain items of the Sound menu (see TV menu) are steered by the audio receiver instead of by the TV or receiver box.

1. Press the **MENU** key on the remote control.
2. Press the cursor down to select **Receiver**.
3. Press the cursor right to enter the Receiver menu items.
4. Press the cursor up/down to select the submenu items.

Note: the audio receiver submenu items may only be selected if provided by the audio receiver (dependent on the configuration setup and the sound signals transmitted).

Sound menu

Dependent on the audio receiver speakers configuration, you may not be able to select certain menu items.



Smart Sound, Treble, Bass

See the Instructions for Use for the TV or receiver box.

Loudness

When **Loudness On** is selected and when listening at low volume, the low and high frequencies are amplified so that the natural balance is restored.

3D effect

3D effect enables you to experience the effect of Dolby Surround Pro Logic without the need of having rear speakers connected or activated.
Select the level of 3D effect with the cursor left/right.

Night mode *(only functional with Dolby Digital sound broadcasting input)*

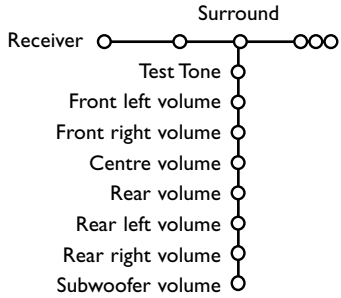
The loud parts of the sound are lowered and the soft passages are raised.
You can enjoy surround sound without disturbing sleeping children or neighbours.

Audio only

This control enables you to blank the TV picture if the TV or monitor is used as centre speaker in the Cinema Link system and if the audio receiver is reproducing sound unrelated to a TV picture.
Switch **Audio only On** to only hear the sound and to switch off the picture.
The message **Audio only** appears on screen.

Surround menu

Dependent on the audio receiver speakers configuration, you may not be able to select certain menu items.



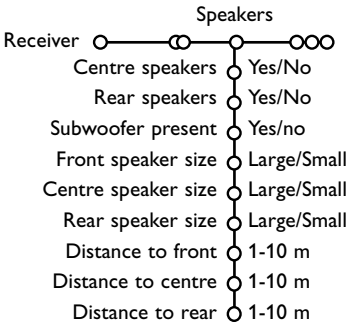
Adjustment of the volume level of the loudspeakers

Note: the test tone function is automatically cancelled by the audio receiver when leaving the Surround menu.

1. Select **Test Tone On**.
   A steady noise tone is switched sequentially through the available loudspeakers, except for the subwoofer, for 2 seconds each. This enables you to have a reference of the loudness of each loudspeaker and to adjust the level of each until they all sound equally loud.
   The loudspeakers activated light up in the screen graphic.
2. Select the Surround menu items with the cursor up/down one after another and alter the selected adjustments with the cursor left/right.
   The best result is achieved when all speakers have equal volume in your usual listening position.
3. Select **Test tone Off** when you have finished the adjustment of the speaker levels.

Speakers menu

Dependent on the audio receiver speakers configuration, you may not be able to select certain menu items.
Once the number and position of the loudspeakers has been fixed, selecting Centre speaker, Rear Speakers and Subwoofer Yes or No, you can adjust the initial receiver settings, size and distance, for optimal surround sound.
Note: after changing the configuration, the menu will disappear temporarily and re-appear again after the new settings will be updated.



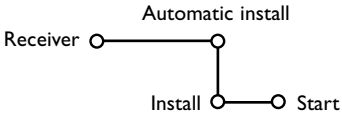
Size of the speakers

Select **Small** if your speaker is able to reproduce low notes down to at least 80-100 Hz. Select **Large** if your speaker is able to reproduce low notes down to at least 50 Hz.
Note:
- *As a rule of thumb, a large speaker has a cone diameter of at least 12 cms (5 inches). See the specification sheet of your loudspeakers.*
- *If Subwoofer present is set to No, Front speaker size can only be set to Large. If Front speaker size is set to Small, Centre speaker size can only be set to Small and consequently a subwoofer must be connected.*

Distance to the speakers

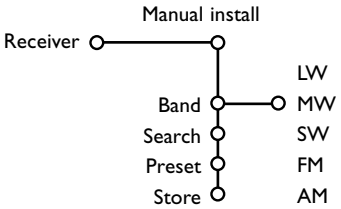
Select the distance from your usual listening position to the available speakers each; front, centre and rear speakers.
This defines the delay time for the surround sound.

Automatic installation



In the Automatic installation menu select **Start** to activate the automatic searching of all radio stations which can be received.
The programme list is automatically filled with all the numbers and names of the radio stations transmitted.

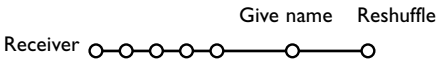
Manual installation



You can also search for a known radio station by keying in the frequency.

1. First select **Band** to switch to the desired waveband: **LW**, **MW**, **SW**, **FM** or **AM**.
2. Select **Search** and press the cursor right.
   The frequency increases until a radio station is found.
   If you know the 3-digit frequency, enter it directly with the digit keys 0 to 9.
   Select **Preset** to enter the preset number using a three digit entry with the digit keys.
3. To store your radio station, select **Store** and press the **OK** key.
4. Repeat steps 1 to 3 to store another radio station.

Give name - Reshuffle



To assign or change a name to a radio station or to change the order of the stored radio stations according to your preference, act in the same way as with giving a name or reshuffling the programme list of TV channels.
See the Instructions for Use of the TV or receiver box.

Table of TV frequencies.
Frequenztabelle der Fernsehsender.
Liste des fréquences des émetteurs.
Frequentietabel TV-Zenders.
Tabella delle frequenze delle trasmittenti.
Lista de las frecuencias de las emisoras.
Lista das frequências dos emissores.
Liste over TV senderne.
Tabell over TV-frekvenser.

Tabell över TV-frekvenser.
TV-taajuustaulukko.
Κατάλογος συχνοτήτων πομπών.
Список частот передатчиков.
A televizió–adóállomások frekvenciáinak a listája.
Lista częstotliwości stacji nadawczych.
Seznam frekvenčních pásem vysílačů.
Zoznam frekvenčných pásiem vysielačov.

EUROPE	
CH	FREQ (MHz)
E2	48.25
E3	55.25
E4	62.25
E5	175.25
E6	182.25
E7	189.25
E8	196.25
E9	203.25
E10	210.25
E11	217.25
E12	224.25
S1	105.25
S2	112.25
S3	119.25
S4	126.25
S5	133.25
S6	140.25
S7	147.25
S8	154.25
S9	161.25
S10	168.25
S11	231.25
S12	238.25
S13	245.25
S14	252.25
S15	259.25
S16	266.25
S17	273.25
S18	280.25
S19	287.25
S20	294.25
H1	303.25
H2	311.25
H3	319.25
H4	327.25
H5	335.25
H6	343.25
H7	351.25
H8	359.25
H9	367.25
H10	375.25
H11	383.25
H12	391.25
H13	399.25
H14	407.25
H15	415.25
H16	423.25
H17	431.25
H18	439.25
H19	447.25
21	471.25
22	479.25
23	487.25
24	495.25
25	503.25
26	511.25
27	519.25
28	527.25
29	535.25
30	543.25
31	551.25
32	559.25
33	567.25
34	575.25
35	583.25
36	591.25
37	599.25
38	607.25
39	615.25
40	623.25
41	631.25
42	639.25
43	647.25
44	655.25
45	663.25
46	671.25
47	679.25
48	687.25
49	695.25
50	703.25
51	711.25
52	719.25
53	727.25
54	735.25
55	743.25
56	751.25
57	759.25
58	767.25
59	775.25
60	783.25
61	791.25
62	799.25
63	807.25
64	815.25
65	823.25
66	831.25
67	839.25
68	847.25
69	855.25

E-EUROPE	
CAN.	FREQ (MHz)
R1	49.75
R2	59.25
R3	77.25
R4	85.25
R5	93.25
R 6	175.25
R 7	183.25
R 8	191.25
R 9	199.25
R10	207.25
R11	215.25
R12	223.25
S1	105.25
S2	112.25
S3	119.25
S4	126.25
S5	133.25
S6	140.25
S7	147.25
S8	154.25
S9	161.25
S10	168.25
S11	231.25
S12	238.25
S13	245.25
S14	252.25
S15	259.25
S16	266.25
S17	273.25
S18	280.25
S19	287.25
S20	294.25
H1	303.25
H2	311.25
H3	319.25
H4	327.25
H5	335.25
H6	343.25
H7	351.25
H8	359.25
H9	367.25
H10	375.25
H11	383.25
H12	391.25
H13	399.25
H14	407.25
H15	415.25
H16	423.25
H17	431.25
H18	439.25
H19	447.25
21	471.25
22	479.25
23	487.25
24	495.25
25	503.25
26	511.25
27	519.25
28	527.25
29	535.25
30	543.25
31	551.25
32	559.25
33	567.25
34	575.25
35	583.25
36	591.25
37	599.25
38	607.25
39	615.25
40	623.25
41	631.25
42	639.25
43	647.25
44	655.25
45	663.25
46	671.25
47	679.25
48	687.25
49	695.25
50	703.25
51	711.25
52	719.25
53	727.25
54	735.25
55	743.25
56	751.25
57	759.25
58	767.25
59	775.25
60	783.25
61	791.25
62	799.25
63	807.25
64	815.25
65	823.25
66	831.25
67	839.25
68	847.25
69	855.25

FRANCE	
CAN.	FREQ (MHz)
2	55.75
3	60.50
4	63.75
5	176.0
6	184.0
7	192.0
8	200.0
9	208.0
10	216.0
B	116.75
C	128.75
D	140.75
E	159.75
F	164.75
G	176.75
H	188.75
I	200.75
J	212.75
K	224.75
L	236.75
M	248.75
N	260.75
O	272.75
P	284.75
Q	296.75
H1	303.25
H2	311.25
H3	319.25
H4	327.25
H5	335.25
H6	343.25
H7	351.25
H8	359.25
H9	367.25
H10	375.25
H11	383.25
H12	391.25
H13	399.25
H14	407.25
H15	415.25
H16	423.25
H17	431.25
H18	439.25
H19	447.25
21	471.25
22	479.25
23	487.25
24	495.25
25	503.25
26	511.25
27	519.25
28	527.25
29	535.25
30	543.25
31	551.25
32	559.25
33	567.25
34	575.25
35	583.25
36	591.25
37	599.25
38	607.25
39	615.25
40	623.25
41	631.25
42	639.25
43	647.25
44	655.25
45	663.25
46	671.25
47	679.25
48	687.25
49	695.25
50	703.25
51	711.25
52	719.25
53	727.25
54	735.25
55	743.25
56	751.25
57	759.25
58	767.25
59	775.25
60	783.25
61	791.25
62	799.25
63	807.25
64	815.25
65	823.25
66	831.25
67	839.25
68	847.25
69	855.25

ITALY	
CAN.	FREQ (MHz)
A	53.75
B	62.25
C	82.25
D	175.25
E	183.75
F	192.25
G	201.25
H	210.25
H1	217.25
S1	105.25
S2	112.25
S3	119.25
S4	126.25
S5	133.25
S6	140.25
S7	147.25
S8	154.25
S9	161.25
S10	168.25
S11	231.25
S12	238.25
S13	245.25
S14	252.25
S15	259.25
S16	266.25
S17	273.25
S18	280.25
S19	287.25
S20	294.25
H1	303.25
H2	311.25
H3	319.25
H4	327.25
H5	335.25
H6	343.25
H7	351.25
H8	359.25
H9	367.25
H10	375.25
H11	383.25
H12	391.25
H13	399.25
H14	407.25
H15	415.25
H16	423.25
H17	431.25
H18	439.25
H19	447.25
21	471.25
22	479.25
23	487.25
24	495.25
25	503.25
26	511.25
27	519.25
28	527.25
29	535.25
30	543.25
31	551.25
32	559.25
33	567.25
34	575.25
35	583.25
36	591.25
37	599.25
38	607.25
39	615.25
40	623.25
41	631.25
42	639.25
43	647.25
44	655.25
45	663.25
46	671.25
47	679.25
48	687.25
49	695.25
50	703.25
51	711.25
52	719.25
53	727.25
54	735.25
55	743.25
56	751.25
57	759.25
58	767.25
59	775.25
60	783.25
61	791.25
62	799.25
63	807.25
64	815.25
65	823.25
66	831.25
67	839.25
68	847.25
69	855.25

GB
The frequencies used by a cable company may differ from the frequencies on the table. Consult your cable company or your dealer for detailed information.

D
In Kabelfernsehanlagen können Abweichungen von den in den Frequenztabellen aufgeführten Frequenzen vorkommen. Bitte wenden Sie sich an Ihren Fachhändler oder Ihre Kabelfernsehgesellschaft, die Ihnen die zutreffenden Frequenzen mitteilt.

F
Les fréquences utilisées par une société de télédistribution peuvent être différentes de celles sur la liste des fréquences. Consultez votre société de télédistribution ou votre revendeur pour des informations plus détaillées.

NL
De frequenties die gebruikt worden door een kabelmaatschappij kunnen verschillen van deze op de tabel. Raadpleeg uw kabelexploitant of uw handelaar voor meer informatie.

I
Le frequenze usate per una società di teledistribuzione possano essere differenti di quelle nella tabella. Consultate la società di teledistribuzione o il vostro rivenditore per informazione specifica.

E
Las frecuencias utilizadas por las empresas de distribución de señal por cable, pueden ser diferentes de las que se encuentran en esta tabla. Consulte con su compañia de distribución de televisión por cable o con su distribuidor para que le proporcionen una información más detallada.

P
As frequências utilizadas por uma sociedade de teledistribuição podem ser diferentes das indicadas na lista de frequências. Consultar a sociedade de teledistribuição ou o vendedor para informações mais detalhadas.

DK
Frekvenser benyttet af kabel operatører kan være afvigende fra disse, kantakt deres kabel operatør eller forhandler for nærmere informa-tion.

N
Frekvensene som benyttes pa et kabelnett kan avvike fra de som er oppfört i tabellen. Kontakt ditt kabel-TV selskap eller din forhandler for nærmere opplysninger.

S
Frekvenserna som används i kabel-TV-näten kan avvika från frekvenserna i tabellen. Kontakta ditt kabel-TV-bolag eller din radiohandlare för vidare information.

SF
Kaapeliyhtiöden käyttämät taajuudet voivat poiketa taulukossa olevista taajuuksista. Tarkat tiedot saat kaapeliyhtiösta tai myyjältä.

GR
Οι συχνότητες που χρησιμοποιούνται από μια εταιρεία τηλεμετάδοσης είναι δυνατόν να είναι διαφορετικές από αυτές που περιέχει ο κατάλογος. (Συμβουλευθείτε την εταιρεία τηλεμετάδοσης ή τον πωλητή για λεπτομερέστερες πληροφορίες).

CEI
Частоты на которых передаёт телакампания могут отличаться от частот на данной таблице. (Обратиться к Вашей телекампании или Вашему продавцу за дополнительной информацией.

H
Egy televizió–adóállomás sugárzáshoz használt frekvenciatar–tományai lehetnek a táblázatban közöltektől eltérőek is. (Abban az esetben, ha bővebb információkra van szüksége, forduljon az eladóhoz.)

PL
Operator sieci telewizyjnej może stosować inne częstotliwości, niż te, które figurują na tablicy (bardziej szczegółowych infor–macji na ten temat zasięgnąć u operatora lub sprzedawcy).

CZ
Frekvence používané některými televizními společnostmi se mohou lišit od údajů uvedených v tomto seznamu. Informujte se blíže u příslušné společnosti nebo v prodejně, kde jste televizor koupili.

SK
Frekvencie používané niektorými spoločnosťami televízneho prenosu sa môžu líšiť od údajov uvedených v tomto zozname. Informujte sa bližšie u príslušnej spoločnosti alebo v predajni, kde ste televízor kúpili.

PHILIPS